



LOAD CENTER LC-1 SCHEDULE LOCATION - POWER & CONTROL ROOM					
100 AMP BUS RATING 150 AMP MAIN C/B		10,000 A.I.C.		10	
120/240 VOLTS 1PH. 3 WIRE 60 HZ.				SURFACE MOUNTED	
DESCRIPTION	C/B AMP POLES	A	B	C/B AMP POLES	DESCRIPTION
INDOOR LTG	20/1	1	2	20/1	OUTDOOR LTG
RECEPTACLES GFCI	20/1	3	4	20/1	RECEPTACLES GFCI
SPARE	20/2	5	6	20/1	RECEPTACLES GFCI
		7	8	20/1	
INDOOR LTG	20/1	9	10	20/1	SPARE
DPE-A CONDENSATE SUMP PUMP	20/1	11	12	20/1	DPE-B CONDENSATE SUMP PUMP
DPE-C CONDENSATE SUMP PUMP	20/1	13	14	20/1	DPE-D CONDENSATE SUMP PUMP
VE-1 CONDENSATE SUMP PUMP	20/1	15	16	20/1	VE-2 CONDENSATE SUMP PUMP
VE-3 CONDENSATE SUMP PUMP	20/1	17	18	20/1	VE-4 CONDENSATE SUMP PUMP
SPARE	20/1	19	20	20/1	PLC

LEGEND

CONDUIT AND WIRE (NUMBERS REFERENCE THIS SHEET ONLY)	
NO.	DESCRIPTION
①	1"C, 2#8 + #10 GRD
②	2"C, 3#1/0 + #6 GRD
③	1"C, 3#4 + #8 GRD
④	2-1/2"C, 3# 250 KCMIL + #4 GRD
⑤	2"C, 3#3/0 + #6 GRD
⑥	1"C, 3#12 + #12 GRD
⑦	1"C, 3#8 + #10 GRD
⑧	1"C, 6#12 + 2#12 GRD
1	1 4"C, 2 SETS OF 3 600 KCMIL + #1/0 GRD (TYPE SE OR USE)

NOTES:

- CONTRACTOR TO ACQUIRE A METER THROUGH SOUTHERN CALIFORNIA EDISON.
- CONTRACTOR SHALL FURNISH AND INSTALL ALL NECESSARY EQUIPMENT FOR ELECTRICAL SERVICE.
- THE ELECTRICAL SERVICE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF OSHA AND THE LATEST VERSION OF THE NEC, NESC, AND SOUTHERN CALIFORNIA EDISON.
- ELECTRICAL EQUIPMENT AND MATERIALS SUPPLIED BY THE CONTRACTOR SHALL BE NEW AND IN ACCORDANCE WITH IEEE, ANSI, AND NEMA STANDARDS; AND WHERE APPLICABLE, HAVE THE UNDERWRITERS LABORATORIES SEAL OF APPROVAL.
- ELECTRICAL WIRING AND CONDUIT SHALL BE APPROPRIATELY IDENTIFIED AND PERMANENTLY MARKED.
- CONTRACTOR IS TO INSTALL PHONE SERVICE, AUTO DIALER, AND PROCESS LOGIC CONTROL AS DESIGN/BUILD FEATURES.
- ALL ERH EQUIPMENT WILL BE SEPARATELY POWERED, BY OTHERS, AS DISCUSSED IN THE ERH REMEDIAL DESIGN WORK PLAN.
- MOTOR STARTERS TO BE CONTROLLED BY PLC. CONTRACTOR TO PROVIDE INTERFACE BETWEEN PLC AND MCC. FINAL DESIGN/BUILD SPECIFICATIONS TO BE PROVIDED TO AND APPROVED BY THE ENGINEER PRIOR TO INSTALL.
- FINAL DESIGN OF VAPOR CONDITIONING PACKAGE AND ELECTRICAL DEMAND SHALL BE DETERMINED BY TREATMENT SYSTEM CONTRACTOR.

PLAN NOTES:

- THESE CONNECTIONS ARE INCLUDED AS PART OF THE RESPECTIVE SKIDS.
- THESE CONNECTIONS ARE INCLUDED BY THE VAPOR CONDITIONING PACKAGE PROVIDER.

ELECTRICAL SINGLE LINE DIAGRAM

PEMACO SUPERFUND SITE
5050 EAST SLAUSON AVENUE
MAYWOOD, CALIFORNIA

PREPARED FOR:
U.S. Environmental
Protection Agency
Region IX
San Francisco, California

PREPARED BY:
JACOB & HENRIK ASSOCIATES
15375 BARRANCA PARKWAY, SUITE A-101
BURNING WOOD, CALIFORNIA 92010
PHONE: (619) 453-1040

SCALE:
DESIGNED: J.S.
DRAWN: C.P. & J.B.P.
CHECKED: J.S. & J.W.

APPROVED
AS BUILTS

DATE: 05/29/2007
DRAWING